

ENVIRONMENTAL IMPACT ANALYSIS

CREATING A SAFER TOMORROW

Overall conclusion is summarized in a Draft Finding of No Significant Impact (FONSI)

- Installation and operation of the proposed small-scale incinerator would have no significant adverse impact to the environment or surrounding communities.

Additional Opportunities for Involvement

- The proposed actions will be subject to the State of Utah RCRA and Air permitting processes.
- Public notice and information meetings will be conducted as part of the permitting processes.

	IMPACT	CURRENT	PROJECTED	CONCLUSION
Infrastructure Improvements	1. Natural gas use 2. Water use 3. Electricity use	35,000 decatherm/month 80 million gallons/year 3.3 megawatts	37,500 decatherm/month 84 million gallons/year 5.8 megawatts	Negligible increase/no significant impact, especially considering short (6 months – 1 year) operational life
Air Quality	PM 10 PM 2.5 SO 2 CO VOC NO x	7.7 pounds/day 7.1 pounds/day 15.3 pounds/day 32.9 pounds/day 19.7 pounds/day 164.4 pounds/day	7.9 pounds/day 7.2 pounds/day 15.5 pounds/day 33.2 pounds/day 20.7 pounds/day 173.1 pounds/day	Negligible increase/no significant impact, especially considering short operational life
Human Health/ Ecological Resources	Arsenic (As) Mercury (Hg)	<337 pounds* <1,000 pounds* *upper-bound, based on HHRA/SLERA estimates	<337 pounds <1,000 pounds	Negligible/no significant impact; only 0.07 pounds of As and 0.03 pounds of Hg are anticipated as an upper-bound emissions estimate. Quantities do not exceed those already accounted for in HHRA/SLERA
Waste Management	Solid Wastes Liquid Wastes	4,173 tons/year 23,601 tons/year	4,304 tons/year 25,185 tons/year	Negligible increase/no significant impact, especially considering the short operational life

